



United States Department of the Interior

FISH AND WILDLIFE SERVICE

Hagerman National Fish Hatchery
3059 D National Fish Hatchery Road
Hagerman, Idaho 83332



MEMORANDUM

March 5, 2012

TO: ARD-Fisheries
Attn: Rich Johnson, Field Supervisor

FROM: Bob Turik, Acting Project Leader, Hagerman NFH

SUBJECT: February 2012 Activity Report

PRODUCTION

Steelhead Brood Year 2011

Lot Number	Stock	Number	Total Fish Weight	Size (#/lb.)	Length (inches)
134	Sawtooth	1,212,732	178,850	6.79	7.36
135	East Fork Hatchery	196,868	27,636	7.12	7.24

The steelhead continue to perform well with 1.92% overall mortality in February. The Idaho Fish Health Center (IFHC) verified furunculosis in the top deck. Four raceways (2 Sawtooth and 2 Yankee Fork strain) were treated with a ten day medicated feed treatment of low dose oxytetracycline. The hatchery went this route due to the unavailability of Aquaflor. Five other raceways were treated with potassium permanganate for external parasites.

Corie Samson (IFHC) was at the Hatchery to perform monthly inspections on February 9th. IFHC will perform the pre-release inspections next month.

Proposed grip-strut walkways between SST raceways →



Rainbow Trout Brood Year 2012

Lot Number	Stock	Number	Total Fish Weight	Size (#/lb.)	Length (inches)
136	Hayspur	130,863	665	197	2.21

The rainbow trout continue to do well with overall survival at 95.4%. Cleaning pipes were installed into the hatchery tanks to keep fish waste and excess feed out of the rearing area. The trout will be ponded outside in March.

OPERATIONS

The Hatchery crew, in cooperation with Idaho Department of Fish and Game, cleaned up the Oster Lakes area in anticipation of the annual trout fishing opener on March 1st.

The degassing system for the rainbow trout raceways was completed this month. The system is comprised of a series of degassing towers on the headbox of the rainbow trout. One tower is located on the Spring 17 outtake and a series of three towers on the Main Spring outtake connected by a manifold and series of valves. This system will be tested in March prior to when the rainbow trout are moved to these raceways.



The Hatchery crew continues to clean out deadfalls and brush from the old pasture adjacent to the steelhead raceways.

Bob Turik, Acting Project Leader, attended a meeting with local water users at the University of Idaho. This meeting was discussing the upcoming new discharge permit and N.O.I.'s that need to be submitted. The meeting also discussed the upcoming public meeting with E.P.A. that will occur in March.

Bob Turik talked with Dr. Ron Hardy and Matt Powell, University of Idaho Fish Culture Experiment Station, concerning the possibility of assisting with one of their studies utilizing gene expression as biomarkers to evaluate different stressors associated with rearing/transport of fish. Some of the stressors being evaluated will be D.O., temperature and possible nitrogen gas.

PERSONNEL/TRAINING/SAFETY

Jeremy Trimpey, Fish Biologist, traveled to the National Conservation Training Center to attend the BLM/FWS/NPS Supervisory Skills Workshop.

The Hatchery crew watched *Driven to Distraction*, a safety video highlighting the dangers of driving without full attention to the road.

COORDINATION

Bob Turik and Jeremy Trimpey attended the 2012 Salmon River Annual Operating Plan meeting in Nampa, Idaho. The Hatchery coordinated BY2011 steelhead release and BY2012 eyed egg request and smolt production goals with partners and stakeholders.

Brian Clifford did some fine tuning of the WMA parking lot

Anna Ray, Fisheries Program Assistant, attended the South Central Idaho Interagency Dispatch Center (SCIIDC) Annual Operating Plan meeting. This is for an annual Interagency Agreement for Fire Management under the Reciprocal Fire Protection Act of May 27, 1955 (42 U.S.C. 1856a). The cooperative fire protection is for lands located outside Bureau of Land Management boundaries but within established fire protection districts. The Hatchery is regularly involved in various brush fires in, and around, the hatchery grounds.

OUTREACH

The visitor register logged 64 visitors and 5 guests for a total of 69 contacts in the month of February.

Amy Turik has volunteered at the Hatchery to assist with administrative duties such as re-organizing our filing system. To date Amy has logged 25 volunteer hours and is doing a great job!

MAINTENANCE

- Picked up Manlift from State Fish Hatchery and returned to National Fish Hatchery.
- Weld stand for regenerative blower.
- Weld stainless steel ring support on Spring 17 degas tower.
- Weld brackets and mount pump panel for regenerative blower.
- Mount and weld 18" manifold to 20" 90.
- Weld 18" manifold to 12" flanged pipes to Mainspring degas towers.
- Run conduit and wire to pump panel and regenerative blower.
- Plumb 2" schedule-80 manifold to degas towers from regenerative blower and make final hook up.